

Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files - Contract RD-103, T.O. 8

DATE: 31 December 1958

FROM :

SUBJECT: (Trip Report - AS-6)

1. A visit was made by [redacted] to the [redacted] on 8 and 9 December 1958 to monitor progress on Contract RD-103, T.O. 8, the AS-6 program.

2. The contractor plans to send [redacted] Arkansas, on 19 January 1959 for approximately one week for the AS-6 antenna test. Frequencies for the April 1959 test will be selected and forwarded for clearance to [redacted] will also furnish information on an operational plan for the April test and on an AS-6 training program. The training program will be for base station maintenance and field set operation. The contractor desires to conduct a preliminary field test from Washington, D. C., to Los Angeles before the final test in April 1959. A collector simulator is required at [redacted] for testing the AS-6 communications equipment in the final phases of the development. Also required is a decision on the color of the AS-6 equipment.

3. A detailed discussion ensued over the field set Emergency operation. The original concept of Channel 1 operation, then Emergency operation; Channel 2 - Emergency; Channel 3 - Emergency; was discarded since it would require two more monitor receivers at the base station. Tentative agreement was reached on the use of one of the programmed frequencies as the Emergency frequency. Programming would then be such that in the event monthly scheduled transmissions are not received due to transmit servo tuning failure at the field set, the base station monitoring frequency would be switched to the Emergency channel. This can be done without extra receivers. The Emergency frequency is to be selected here as one that will be good most of the year.

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